ASE 2 Parasitics ATTACHMENT may ending u positionnemons @ calculate reflection off 3 sets of orthogonal plan @ calculate travel Distance Orthogonal plan

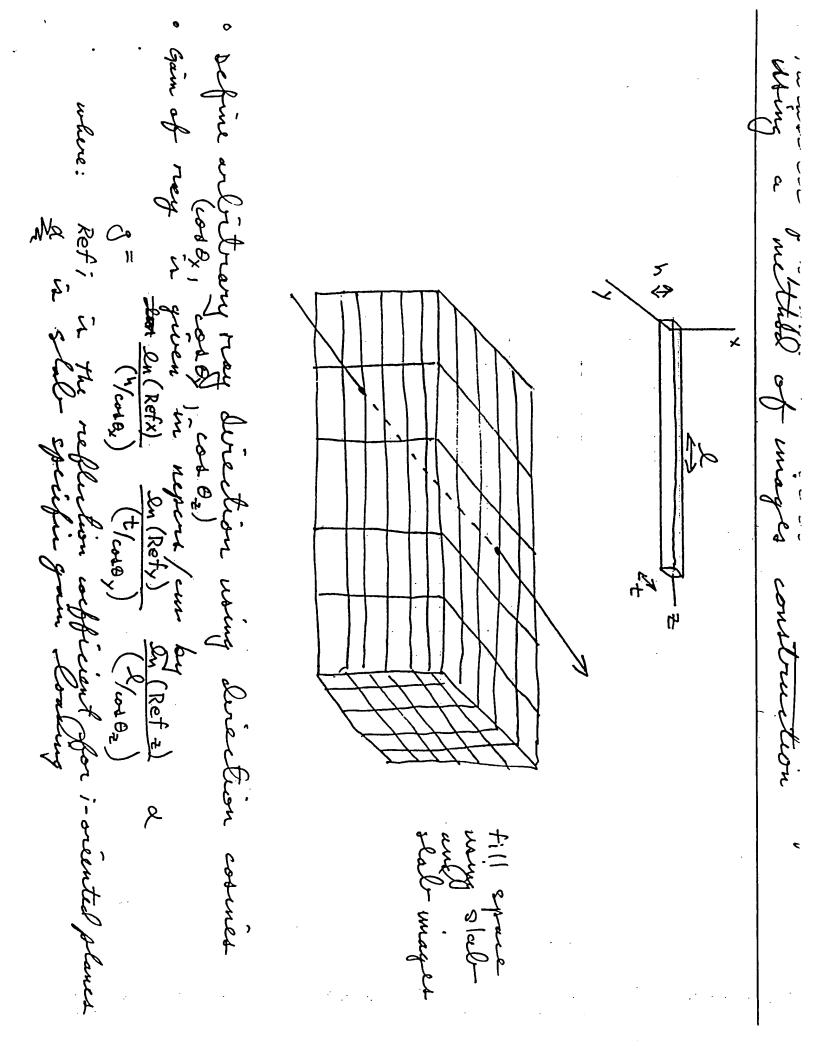
@ hits on a loss fine number Fratment use dévellon cosines to paramitérise viais livello $(\omega + \theta_{x}, \cos \theta_{y}, \cos \theta_{e}) = \frac{(RND], RNDZ, RNDZ)_{+}}{\sqrt{RNDZ^{2} + RNDZ^{2}}}$ Let DX, Dy, and DZ denote slab dimensione or plane spacing the distion a ray is launch position has un impact on sparing between plane stitutes

ment contr en surface pertierbatively. COL Pez = Trist-nz

 $n_s^2 - 1 + 2n_s^2 - 2n_c^2 = n_s^2$ $a\left(n_s^2-n_e^2\right)=1$ mg-Mg-E when can this no longer be solved Mc = VN3 - 2 $m_{c} = \sqrt{182^{2} - \frac{1}{2}} = 16.77$ Bustion z will be carried to answer numerically Binding the angular wilth over which a partisitive sexists for given gain and classifing indices. la propriation of the contract de de la companya del companya de la companya de la companya del companya de la companya del la companya del la companya de la The second secon tika kang bandan di kang di kang bandan kang bandan kang bandan kang bandan kang bandan kang bandan kang banda

02 < 02 cm + cos = py + cos = = = = cos by > cos by crit+ ms / cos ox >

no in stab meles $\frac{1}{1} > \frac{3 n_s^2 - \lambda n_c^2 - 1}{n_s^2}$ $\frac{n_s^2}{3 n_s^2 - 2 n_c^2 - 1}$ 1> a (ns - ne) 1/2 > ns - nc ne > Ns - 2 ne > / n= - 2



200- loss paractics correspond directions that are confined by TIR at H condition 2010x + COLOX + COLOX planes water a coal exerit = costby < costby-crit = co 1 0 2 < co 4 02 - crit = **626** % to those ray three 1 - 24 - 2W Ms = slab inali

7 75 - 1/2

M > 7 M > -1